

Title (en)
Sulfonylaminocarbonyltriazolinones with oxygen-bound substituents

Title (de)
Sulfonylaminocarbonyltriazolinone mit über Sauerstoff gebundenen Substituenten

Title (fr)
Sulfonylaminocarbonyltriazolinones avec des substituants liés par l'oxygène

Publication
EP 0507171 B1 19971001 (DE)

Application
EP 92104971 A 19920323

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DE 4110795 A 19910404

Abstract (en)
[origin: EP0507171A1] The invention relates to novel sulphonylaminocarbonyltriazolinones having substituents bonded by oxygen, and to the salts thereof, to a plurality of processes and novel intermediates for their preparation, and to their use as herbicides. The active substances have the formula (I) <IMAGE> in which R<1> represents hydrogen, amino or an optionally substituted radical from the series comprising alkyl, alkenyl, alkynyl, cycloalkyl, aralkyl, aryl, alkylamino, cycloalkylamino and dialkylamino, R<2> represents an optionally substituted radical from the series comprising alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkenyl, aralkyl and aryl, and R<3> represents an optionally substituted radical from the series comprising alkyl, aralkyl, aryl and heteroaryl, with the exception of 2-(2-methoxycarbonyl-phenylsulphonylaminocarbonyl)-4-methyl-5-methoxy- 2,4-dihydro-3H-1,2,4-triazol-3-one.

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Cited by
EP0703225A1; EP0708095A1; EP0703224A1; EP0703226A1; US6376424B1; US5633287A; US5972844A; CN100438763C; US5491172A; EP2371823A1; CZ297196B6; US5594148A; US6001776A; US6121204A; CN1090624C; EP0931456A1; AU719657B2; US6162762A; EP1290944A3; EP1290945A3; EP1290946A3; US8198214B2; WO2014202505A1; WO2014202510A1; US7855166B2; US5606070A; US5703260A; US5599945A; US5710303A; US5892054A; WO9635680A1; WO2006012983A1; WO2011120926A1; DE102008037620A1; DE102008060967A1; US6649565B1; WO2007033759A1; WO9961429A1; WO9703980A1; WO9622982A1; WO9716449A1; WO2022117516A1; EP2052606A1; WO9703981A1; WO9627590A1; WO2004080182A2; US6180567B1; US6441195B1; WO2018077923A1; WO0115533A1; WO9812923A1

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